

**Listing of Claims:**

Claims 1-4 (Canceled).

5. (Currently Amended) A method of detecting fatigue crack in a base material, said method comprising ~~the steps of:~~

(a) preparing a paste in which particles having a hardness not less than ~~that~~ a hardness of the base material and an oil  
5 having viscosity are mixed with each other;

(b) applying said paste to a desired portion of said base material; and

(c) detecting fatigue crack based on a change in color generated by movement of base material powder to a surface of  
10 said paste, said base material powder being produced when said ~~particles grind the~~ base material at a surface of the fatigue crack is ground in contact with said particles due to opening and closing of the fatigue crack in said base material.

6. (Previously Presented) A method of detecting fatigue crack according to claim 5, wherein said particles comprise light-colored ceramics including white ceramics.

7. (Currently Amended) A method of detecting fatigue crack according to claim 5, wherein ~~step (a) includes the steps of~~

preparing the paste comprises:

~~(a1)~~ adjusting the oil ~~having to have a~~ viscosity of 5,000 centipoises to 15,000 centipoises; and

~~(a2)~~ mixing said particles into the adjusted oil ~~adjusted at~~ step ~~(a1)~~.

8. (Currently Amended) A method of detecting fatigue crack according to claim 6, wherein ~~step (a) includes the steps of~~ preparing the paste comprises:

~~(a1)~~ adjusting the oil ~~having to have a~~ viscosity of 5,000 centipoises to 15,000 centipoises; and

~~(a2)~~ mixing said particles into the adjusted oil ~~adjusted at~~ step ~~(a1)~~.

9. (Currently Amended) A paste to be applied to a desired portion of a base material for at least one of restraining fatigue crack growth in said base material and detecting fatigue crack in said base material, said paste comprising:

5 particles having diameters of 2 µm [[m]] to 40 µm [[m]]; and  
an oil having a viscosity of 5,000 centipoises to 15,000 centipoises;

wherein said particles and said oil are mixed with each other.

10. (Previously Presented) A paste according to claim 9, wherein said particles comprise light-colored ceramics including white ceramics.